AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Canceled)

2. (Canceled)

3. (Original)   A peritoneal dialysis apparatus including at least one dialysis fluid container filled with a dialysis fluid, a dialysis fluid circuit containing at least one drained fluid container for recovering the dialysis fluid, fluid delivery means for delivering the dialysis fluid with said dialysis fluid container as a start point or said drained fluid container as an end point, input means for inputting dialysis conditions including an amount of infusion fluid, a staying time, the number of cycles, a total dialysis time, and a total amount of infusion fluid, and also inputting a therapy start time, and a peritoneal dialysis function, and display means for displaying the inputted dialysis conditions,

wherein dialysis is performed by delivering the dialysis fluid to a patient by said delivery means and recovering the drained fluid and;

said apparatus includes:

means for calculating a dialysis end time from a desired dialysis time while the inputted set-up therapy start time is taken as a preferential value.

4. (Currently Amended) A peritoneal dialysis apparatus comprising ~~including~~ at least one dialysis fluid container filled with a dialysis fluid, a dialysis fluid circuit containing at least one drained fluid container for recovering the dialysis fluid, fluid delivery means for delivering the dialysis fluid with said dialysis fluid container as a start point or said drained fluid container as an end point, input means for inputting dialysis conditions including an amount of infusion fluid ~~(mL)~~ and a fluid infusion rate ~~(mL/min)~~, and display means for displaying the inputted dialysis conditions,

wherein dialysis is performed by delivering the dialysis fluid to a patient by said delivery means and recovering the drained fluid ~~and~~;

said apparatus ~~includes~~ further comprising:

means for calculating a fluid infusion time ~~(min)~~ on the basis of the amount of infusion fluid ~~(mL)~~ and the fluid infusion rate ~~(mL/min)~~;

means for deciding whether or not fluid infusion is performed for a fluid infusion time ~~(min) over a specific ratio of~~ exceeding the calculated fluid infusion time ~~(min)~~ by more than a predetermined time; and

means for generating an alarm indicating defective fluid infusion if it is decided that the fluid infusion ~~is defective~~ time exceeds the calculated fluid infusion time by more than the predetermined time.

5. (Currently Amended) A peritoneal dialysis apparatus according to claim 4, wherein the fluid infusion time ~~(min)~~ is obtained by adding a preparation time until the start of fluid infusion to a value of the amount of infusion fluid/the fluid infusion rate ~~(mL)/the fluid infusion rate (mL/min)~~.

6. (Currently Amended) A peritoneal dialysis apparatus ~~including~~ <u>comprising</u> at least one dialysis fluid container filled with a dialysis fluid, a dialysis fluid circuit containing at least one drained fluid container for recovering the dialysis fluid, fluid delivery means for delivering the dialysis fluid with said dialysis fluid container as a start point or said drained fluid container as an end point, input means for inputting dialysis conditions including an amount of infusion fluid ~~(mL)~~ and a fluid drainage rate ~~(mL/min)~~, and display means for displaying the inputted dialysis conditions,

wherein dialysis is performed by delivering the dialysis fluid to a patient by said delivery means and recovering the drained fluid ~~and~~; said apparatus ~~includes~~ <u>further comprising</u>:

means for calculating an amount of drainage fluid ~~(mL)~~ on the basis of the inputted dialysis conditions, and for calculating a fluid drainage time ~~(min)~~ on the basis of the calculated amount of drainage fluid ~~(mL)~~ and the fluid drainage rate ~~(mL/min)~~;

means for deciding whether or not fluid drainage is performed for a fluid drainage time ~~(min) over a specific ratio of~~ <u>exceeding</u> the calculated fluid drainage time ~~(min)~~ <u>by more than a predetermined time</u>; and

means for generating an alarm indicating defective fluid drainage if it is decided that <u>the</u> fluid drainage ~~is defective~~ <u>time exceeds the calculated fluid drainage time by more than the predetermined time</u>.

7. (Currently Amended) A peritoneal dialysis apparatus according to claim 6, wherein the fluid drainage time (min) is obtained by adding a preparation time until the start of fluid drainage to a value of the amount of drainage fluid/the fluid drainage rate (mL)/the fluid drainage rate (mL/min).

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Currently Amended) A peritoneal dialysis apparatus including comprising at least one dialysis fluid container filled with a dialysis fluid, a dialysis fluid circuit containing at least one drained fluid container for recovering the dialysis

fluid, fluid delivery means for delivering the dialysis fluid with said dialysis fluid container as a start point or said drained fluid container as an end point, input means for inputting dialysis conditions, and display means for displaying the inputted dialysis conditions,

wherein dialysis is performed by delivering the dialysis fluid to a patient by said delivery means and recovering the drained fluid ~~and~~;

said apparatus ~~includes~~ <u>further comprising</u>:

means for selecting a temporary separation mode ~~is selected~~ during therapy[[,]] ~~and an inputting instruction for temporary stoppage of~~ <u>to temporarily stop</u> the therapy; and

means for displaying a residual staying time ~~on the basis of the inputted instruction~~ <u>after the temporary separation mode is selected</u>.

17. (Currently Amended)   A peritoneal dialysis apparatus according to claim 16, wherein <u>the</u> means for displaying the residual staying time ~~is~~ <u>comprises</u> a portable terminal.

18. (Canceled)

19. (Canceled)

20. (New)   A peritoneal dialysis apparatus according to claim 16, wherein the means for displaying the residual staying time and the display means for displaying the inputted dialysis conditions are a common display portion.